

Title (en)

Bus controller in a data processor

Title (de)

Bussteuerung in einem Datenprozessor

Title (fr)

Contrôleur de bus dans un processeur de données

Publication

**EP 0929042 B1 20040908 (EN)**

Application

**EP 99100304 A 19990111**

Priority

JP 375998 A 19980112

Abstract (en)

[origin: EP0929042A2] To provide a data processor having a bus means whereby highspeed data exchange can be performed stably among a plurality of inner circuits (1 to 5) without dissipation of useless current, the bus means comprises more than one bus selectors (7 and 8) cascade-connected into a loop by way of bus lines. Each (7) of the bus selectors outputs bus data supplied from a preceding bus selector (8) as bus data to be supplied towards a following bus selector (8) when none of the inner circuits (1 to 3) connected to the bus selector (7) enables an output enable signal, and outputs output data of one of the inner circuits (1 to 3) connected to the bus selector (7) as the bus data to be supplied towards the following bus selector (8) when the inner circuit enables the output enable signal. <IMAGE>

IPC 1-7

**G06F 13/14**

IPC 8 full level

**G06F 13/36** (2006.01); **G06F 13/362** (2006.01); **G06F 13/368** (2006.01)

CPC (source: EP KR US)

**G06F 13/36** (2013.01 - KR); **G06F 13/368** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0929042 A2 19990714**; **EP 0929042 A3 20020619**; **EP 0929042 B1 20040908**; CN 1179282 C 20041208; CN 1223407 A 19990721; DE 69919915 D1 20041014; DE 69919915 T2 20050915; JP 3119618 B2 20001225; JP H11203238 A 19990730; KR 100291230 B1 20010515; KR 19990067790 A 19990825; US 6324615 B1 20011127

DOCDB simple family (application)

**EP 99100304 A 19990111**; CN 99100116 A 19990112; DE 69919915 T 19990111; JP 375998 A 19980112; KR 19990000231 A 19990108; US 22903599 A 19990112